



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3910-1
Job Sheet 185212



Part No: D3910-1

Job Qty: 12 ea

Part Name: Crosstube Lug



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 11/2/18

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: D3910 REV.E IPP REV:C 18.02.02 REMOVE FINISH DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	12 pcs		11/2/18	0.00	0.00	Purchasing		NOV 16 2018
120	Packaging	12 pcs		11/2/18	0.00	0.00	Packaging2		NOV 16 2018
130	QC	12 pcs		11/2/18	0.00	0.00	QC6		38
180	Packaging	12 pcs		11/2/18	0.00	0.00	Packaging3-2	51323	DAS 9-89
190	QC21-SA	12 Ea		11/2/18	0.00	0.00	QC21		6 NOV 26 2018

Part Op 110 - ISSUE PO TO METEC, NOTE ALODINE AND PAINT AS PER QSI 005
Descriptions: 120 - Ensure C of C is attach

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9-89
NOV 27 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2423	Lug Extrusion	1.5600 ft (.13 ea)	110-Purchasing	25128527
D3910-1P	Crosstube Lug	12 pcs (1 ea)	110-Purchasing	5128530

P0041441 * 12 C T OCT 24 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D2423	2	248	0
	D3910-1P	12	0	0



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S128531



Part: D3910-1

Job No: 185212

Serial No/Batch: S128531

Revision: E

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/16/18

Plex 10/24/18 8:41 AM dart.tsimiklis.chrisoula

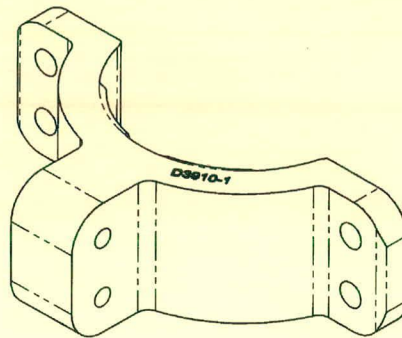
NOV 18 2018
NOV 18 2018

NOV 18 2018
NOV 18 2018

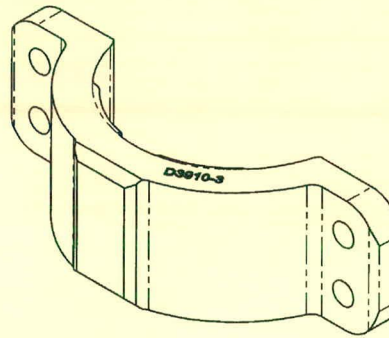
NOV 18 2018

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Crosstube Lug	4.450Inches $\pm$ 0.030	4.480 4.420		
2	Crosstube Lug	1.380Inches $\pm$ 0.030	1.410 1.350		
3	Crosstube Lug	0.270Inches $\pm$ 0.030	0.300 0.240	reference	
4	Crosstube Lug	0.310Inches $\pm$ 0.030	0.340 0.280		
5	Crosstube Lug	0.735Inches $\pm$ 0.010	0.745 0.725	reference	
6	Crosstube Lug	2.200Inches $\pm$ 0.030	2.230 2.170		
7	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
8	Crosstube Lug	0.191Inches + 0.005 - 0.001	0.196 0.190	Diameter	
9	Crosstube Lug	0.380Inches $\pm$ 0.030	0.410 0.350	Radius	
10	Crosstube Lug	0.380Inches $\pm$ 0.030	0.410 0.350		
11	Crosstube Lug	0.625Inches $\pm$ 0.010	0.635 0.615		
12	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
13	Crosstube Lug	3.700Inches $\pm$ 0.010	3.710 3.690		
14	Crosstube Lug	0.625Inches $\pm$ 0.010	0.635 0.615		
15	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
16	Crosstube Lug	0.340Inches $\pm$ 0.030	0.370 0.310	Radius	

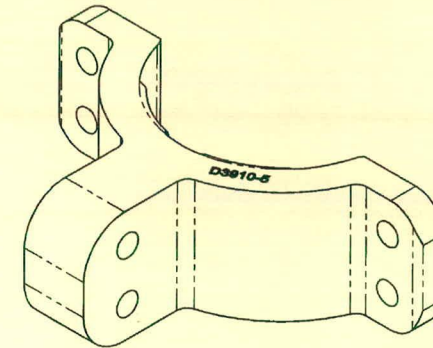
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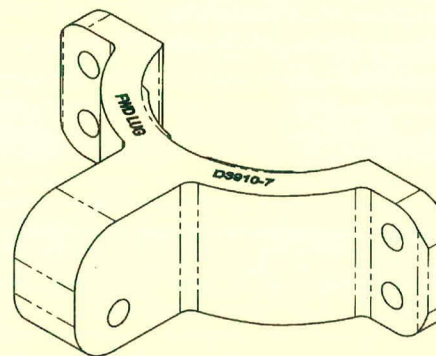
D3910-1 X-TUBE LUG



D3910-3 X-TUBE LUG



D3910-5 X-TUBE LUG



D3910-7 X-TUBE LUG

NOTES:

- 1) MATERIAL: MAKE FROM D2423 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO A DEPTH OF 0.010 $\pm$ 0.005 IN THIS LOCATION WITH A TOOL TIP RADIUS OF 0.015 $\pm$ 0.005
- 7) WEIGHT -1: 0.32 lbs
-3: 0.25 lbs
-5: 0.36 lbs
-7: 0.37 lbs
- 8) IDENTIFICATION: ENGRAVE "FWD LUG" TO A DEPTH OF 0.010 $\pm$ 0.005 IN THIS LOCATION WITH A TOOL TIP RADIUS OF 0.015 $\pm$ 0.005

RELEASED

2014 JUN 05 *ap*
ECN 14-572

E	ADD -7 PER NCR14-3871	AJS	14.05.16
D	CHANGED FASTENER HOLES IN -5 FOR 1/4" HARDWARE. REASON: EASE OF INSTALLATION.	AJS	13.08.14
C	ADD -5.	AJS	13.08.08
B	Ø0.257 HOLES: 4 PL WAS 2 PL (A3-2) & (A3-3); R0.34 FILLET WAS R0.50 (A3-2) & (A3-3). REASON: SEE TR-D3950-607-2	JPH	10.03.16
A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>ap</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>ap</i>	D3910	SHEET 1 OF 5
APPROVED	<i>ap</i>	TITLE	SCALE
DE APPR.	<i>ap</i>	X-TUBE LUG (350)	NTS
DATE	14.05.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041441

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

PO No: PO041441
PO Date: 10/24/18
Due Date: 11/23/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Attention: Lalonde, Marc-Andre

Via: Ground
Pynt Terms: Net 30

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185212	D3910-1P			Crosstube Lug : Various STC's As Per Dwg D3910 Rev. E Alodine and Paint as pe QSI 005	Firmed	-	11/23/18	12 pcs	0 pcs	12 pcs	\$12.00/pcs	\$144.00
								12X NOV 16 2018					
2	185213	D3910-3P			Crosstube Lug : Various STC's As Per Dwg D3910 Rev. E Alodine and Paint as Per QSI 005	Firmed	-	11/23/18	10 pcs	0 pcs	10 pcs	\$12.00/pcs	\$120.00
								10X NOV 16 2018					
3	185214	D4885-1P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	2 pcs	0 pcs	2 pcs	\$138.50/pcs	\$277.00
								2X NOV 16 2018					
4	185215	D4885-1P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	2 pcs	0 pcs	2 pcs	\$138.50/pcs	\$277.00
								2X NOV 16 2018					
5	185217	D4885-5P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$166.50/Ea	\$166.50
								1X NOV 16 2018					
6	185218	D4885-2P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	3 Ea	0 Ea	3 Ea	\$138.50/Ea	\$415.50
								3X NOV 16 2018					
7	185219	D4885-2P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	2 Ea	0 Ea	2 Ea	\$138.50/Ea	\$277.00
								2X NOV 16 2018					
8	185220	D2230-1P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI 005	Firmed	-	11/23/18	16 pcs	0 pcs	16 pcs	\$12.00/pcs	\$192.00
								16X NOV 16 2018					

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Hawkesbury, ON
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Tel (613) 632-5200

PURCHASE ORDER

PO041441

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	185226	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	-	11/23/18	6 pcs	0 pcs	6 pcs	\$10.00/pcs	\$60.00
													No packing slip w/chantel
10	185222	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	-	11/23/18	15 pcs	0 pcs	15 pcs	\$10.00/pcs	\$150.00
													15 X NOV 16 2018
11	185223	D2731-7P			Lug : Various STC's receive pcs	Firmed	-	11/23/18	11 pcs	0 pcs	11 pcs	\$11.00/pcs	\$121.00
													11 X NOV 16 2018
12	185224	D4091-1P			Lug : Various STC's As Per Dwg D4091 Rev. A Alodine and Paint as Per QSI 005	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$12.00/pcs	\$12.00
													1 X NOV 16 2018
13	185227	D3235-1P			Lug : Various STC's As Per Dwg D3235 Rev. A Alodine and Paint as per QS I005	Firmed	-	11/23/18	16 pcs	0 pcs	16 pcs	\$11.00/pcs	\$176.00
													16 X NOV 16 2018
14	185229	D3394-3P			Lug : Various STC's	Firmed	-	11/23/18	3 pcs	0 pcs	3 pcs	\$12.00/pcs	\$36.00
													3 X NOV 16 2018
15	185231	D4871-3P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$145.00/Ea	\$145.00
													1 X NOV 16 2018
16	185232	D4885-7P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$138.50/pcs	\$138.50
													1 X NOV 16 2018
17	185234	D4805-3P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$130.00/pcs	\$130.00
													1 X NOV 16 2018
18	185236	D4870-1P			End Fitting, Small : Various STC's receive pcs	Firmed	-	11/23/18	2 Ea	0 Ea	2 Ea	\$133.00/Ea	\$266.00
													2 X NOV 16 2018
19	185244	D4870-3P			End Fitting, Large : Various STC's receive pcs	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$133.00/Ea	\$133.00
													1 X NOV 16 2018
20	185245	D4869-1P			End Fitting, Eye : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$135.00/pcs	\$135.00
													1 X NOV 16 2018

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PURCHASE ORDER

PO041441

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
21	185321	D4884-1P			End Fitting, Eye	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$122.50/Ea	\$122.50
22	185320	D4884-1P			End Fitting, Eye	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$122.50/Ea	\$490.00
23	185318	D4885-3P			End Fitting : Various STC's receive pcs	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$138.50/Ea	\$138.50
24	185317	D4808-1P			Rod End : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$138.50/pcs	\$138.50
25	185316	D4808-1P			Rod End : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$138.50/pcs	\$138.50
26	185315	D4808-1P			Rod End : Various STC's receive pcs	Firmed	-	11/23/18	1 pcs	0 pcs	1 pcs	\$138.50/pcs	\$138.50
Grand Total:												\$4,538.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916498

Date: 15-Nov-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
✓ 12 ea	Part: D3910-1P X-TUBE LUG Job: 24101	Rev: D PO: PO041441 Line: 1	
✓ 1 ea	Part: D4091-1P LUG Job: 24109	Rev: A PO: PO041441 Line: 12	
5460 ✓ 16 ea	Part: D3235-1P MOUNTING LUG Job: 24110	Rev: A PO: PO041441 Line: 13	scrap not painted PO 041441 + 16 extra
✓ 3 ea	Part: D3394-3P LUG Job: 24111	Rev: B PO: PO041441 Line: 14	
✓ 1 ea	Part: D4870-3P END FITTING, LARGE Job: 24116	Rev: A PO: PO041441 Line: 19	
✓ 1 ea	Part: D4885-3P END FITTING Job: 24119	Rev: A PO: PO041441 Line: 23	
✓ 5 ea	Part: D4885-2P END FITTING Job: 24105	Rev: A PO: PO041441 Line: 6-7	OK 23 24
✓ 15 ea	Part: D2230-3P MOUNTING LUG Job: 24107	Rev: G PO: PO041441 Line: 9-10	OK 4000
Made in Canada.			

SAC
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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916498

Date: 15-Nov-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>15/11/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
Made in Canada.		

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